(19) World Intellectual Property **Organization**

International Bureau





(43) International Publication Date 28 April 2005 (28.04.2005)

PCT

(10) International Publication Number WO 2005/039018 A2

(51) International Patent Classification7:

H₀2K

(21) International Application Number:

PCT/US2004/033714

- (22) International Filing Date: 13 October 2004 (13.10.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/510,905

14 October 2003 (14.10.2003)

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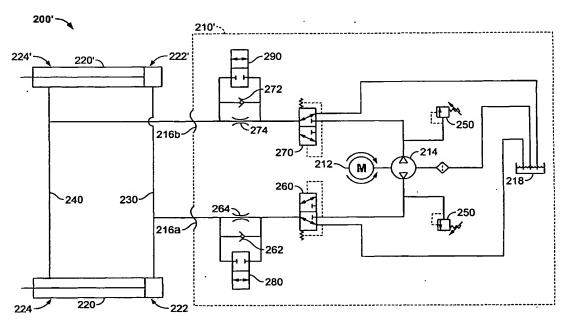
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

[Continued on next page]

(54) Title: HYDRAULIC DRIVE SYSTEM



(57) Abstract: A hydraulic drive system for reversibly operating a device such as a wheelchair ramp or other type of mobility access device is provided. The hydraulic drive system includes a bi-directional power unit that is in fluid communication with a cylinder for deploying and stowing the ramp. The system further includes valves disposed between the cylinder and pump, which may be spring biased shuttle-type valves. In one embodiment, the valves are normally biased so that the cylinder and ramp may move freely such that the ramp may be manually operated during a loss of electrical power to the power unit.

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Published:

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